

Viking Use & Care Manual



Viking Range Corporation

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For product information

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vikingrange.com

Designer
Built-In Electric Cooktops

Congratulations

Your purchase of this product attests to the importance you place upon the quality and performance of the major appliances you use. With minimal care, as outlined in this guide, this product is designed to provide you with years of dependable service. Please take a few minutes necessary to learn the proper and efficient use and care of this quality product.

We appreciate your choosing a Viking Range Corporation product and hope that you will again select our products for your other major appliance needs.

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WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

WARNING

To reduce the risk of fire, electrical shock, injury to persons, or damage when using the cooktop, follow basic precautions, including the following safety instructions.

Important Safety Instructions

Read before operating your cooktop

1. Use this appliance only for its intended use as described in this manual. Never use your appliance for warming or heating the room.
2. Your unit should be installed by a qualified technician. The appliance must be installed and electrically grounded according to local codes.
3. Do not attempt to repair or replace any part of this appliance unless specifically recommended in this manual. All servicing should be referred to a qualified technician. Warranty service must be performed by an authorize service agency.
4. The "push-to-turn" knobs of this appliance are designed to be childsafe. However, children should not be left alone in the kitchen while the cooktop is in use. **CAUTION:** Do not store items of interest to children over the unit. Children climbing to reach items could be seriously injured.
5. **GREASE** - Grease is flammable and should be handled carefully. Do not use water on grease fires. Never pick up a flaming pan. Smother sheet or flat tray. Flaming grease outside of utensil can be extinguished with baking soda or, if available, a multipurpose dry chemical or foam type extinguisher. Let fat cool before attempting to handle it. Wipe up spillovers immediately.
6. If you are "flaming" liquors or other spirits under an exhaust, **TURN THE FAN OFF.** The draft could cause the flames to spread out of control.
7. Never leave the surface area unattended at high heat setting. Boilovers cause smoking and greasy spillovers, which may ignite.
8. Loose-fitting or hanging garments should never be worn while using the appliance.
9. Use proper pan size. This appliance is equipped with one or more surface units of different size. Select utensil having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to surface unit will also improve efficiency.
10. Use only dry potholders. Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholders touch hot surface areas. Do not use a towel or other bulky cloth.

11. **DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS.**

Surface areas may become hot enough to cause burns. Surface elements may be hot even though they are dark in color. During and after use, do not touch or let flammable materials contact heating elements until they have had time to cool.

12. To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of a utensil should be positioned so that it is turned toward the center of the range so that it does not extend over adjacent surface elements.
13. Keep area clean and free from combustible material, gasoline, and other flammable liquids. Combustible items (paper, plastic, etc.) may ignite and metallic items may become hot and cause burns.
14. Do not heat unopened food containers; build-up of pressure may cause the container to explode and result in injury.
15. Clean the cooktop with caution. If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burns. Some cleansers can produce noxious fumes if applied to a hot surface.
16. Do not cook on a broken cooktop. Spillovers or cleaning solution may penetrate a broken glass top and create a risk of electrical shock. Contact a qualified technician immediately should your cooktop become broken.
17. Only certain types of glass, glass/ceramic, ceramic, earthenware or other glazed utensils are suitable for glass cooktop use without breaking due to the sudden change in temperature.

-SAVE THESE INSTRUCTIONS-

Before You Use Your New Cooktop

All products are wiped clean with solvents at the factory to remove any visible signs of dirt, oil, and grease which may have remained from the manufacturing process.

Glass Cooktop

Clean your glass top before the first time you use it. A thorough cleaning with a glass top cleaner is recommended. It only takes a minute and puts a clean, shiny coating on the glass top before its initial use.

Surface Cooking

Cooking Utensils

Each cook has his or her own preference for the particular cooking utensils that are most appropriate for the type of cooking being done. Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for glass cooktop use without breaking due to the sudden change in temperature. This is a matter of personal choice. As with any cookware, yours should be in good condition and free from excessive dents on the bottom to provide maximum performance and convenience.

CAUTION

Using cast iron cookware on the glass cooktop is not recommended. Cast iron retains heat and may result in cooktop damage.

Operating the Single Front or Rear Element

Push in and turn the corresponding control knob **left** to the desired setting. The element will cycle on and off to maintain the desired heat setting. When finished, turn all controls OFF.

Operating the Rear and Bridge Element

Push in and turn the corresponding control knob **right** to desired setting. The rear element and bridge element will cycle on and off to maintain the desired heat setting. When finished, turn all controls to OFF.

Hot Surface Indicator Lights

The cooktop has hot surface indicator lights. They are located on the front of the glass cooktop. The hot surface indicator light will glow red when the corresponding element is turned on. The light will remain on until the corresponding element has cooled to a safe temperature.

Cooking Utensil Guidelines

TYPE	RESPONSE TO TEMP. CHANGES	RECOMMENDED USAGE
Aluminum	Heats and cools quickly	Frying, braising, roasting. May leave metal markings on glass.
Cast Iron	Heats and cools quickly	Not recommended. Retains excessive heat and may damage cooktop.
Copper, Tin lined	Heats and cools quickly	Gourmet cooking, wine sauces, egg dishes.
Enamel Ware	Response depends on base metal	Not recommended. Imperfections in enamel may scratch cooktop.
Glass Ceramic	Heats and cools slowly	Not recommended. Heats too slowly. Imperfections in enamel may scratch cooktop.
Stainless Steel	Heats and cools at moderate rate	Soups, sauces, vegetables, general cooking.

Surface Cooking Guide - Suggested Heat Setting

Food	Start at Setting	Complete at Setting
Rice	Hi - cover, bring water to a boil	Lo - cover, finish timing according to directions
Chocolate	Lo - until melted	
Candy	Lo - cook	Follow recipe
Pudding, pie filling	Lo - cook according to directions	
Eggs - in shell Fried Poached	Hi - cover, bring to boil Hi - until pan is hot Hi - bring water to boil	OFF - let set to desired doneness Lo - 2, cook to desired doneness Lo - finish cooking
Sauces	Hi - melt fat	Lo - 2, finish cooking
Soup, stews	Hi - heat up liquid	Lo - 2, finish cooking
Vegetables fresh, frozen	Hi - cover, bring salted water to a boil	Lo - 2, finish cooking until desired tenderness is reached
Vegetables	Hi - preheat skillet	Lo - 2, finish cooking until desired tenderness is reached
Breads - french toast, pancakes	4 - 5, preheat skillet	Lo - cook to desired brownness
Cooked Cereals grits, oatmeal	Hi - cover, bring water to boil	Lo - 2, add cereal and cook according to directions
Bacon, sausage	Hi - preheat skillet	4 -5, cook to desired doneness
Swiss Steak	Hi - melt fat, 4 - 5, to brown meat	Lo - add liquid, cover, simmer until tender
Chicken, fried	Hi - melt fat 4 5 to brown crust	Lo - cook until tender
Hamburgers Pork chops	Hi - preheat skillet	4 - 5, to brown meat and cook to desired doneness
Pastas	Hi - bring salted water to a boil; add pasta slowly	4 - 5, maintain boil until tender

Cooking Substitute Charts

In many cases, a recipe requires an ingredient which is not readily available or calls for a unit of measure that is not easily recognized. The following charts have been provided as useful guides in these situations.

Ingredient Substitutes	
Recipe Calls for:	Use:
1 Tbsp. cornstarch	2 Tbsp. flour (thickening)
1 whole egg	2 egg yolks plus 1 Tbsp. water
1 c. whole milk	1 c. skim milk plus 2 Tbsp. margarine or 1/2 c. evaporated milk plus 1/2 c. water
1 oz. unsweet chocolate	3 Tbsp. cocoa powder plus 1 Tbsp. margarine
1 Tbsp. baking powder	1/2 tsp. cream of tartar plus 1/4 tsp. baking soda
1/2 c. butter	7 Tbsp. shortening or margarine
1 c. dairy sour cream	1 Tbsp. lemon juice plus 1 c. evaporated milk

Kitchen Equivalents and Metrics		
Measure	Equivalent	Metric*
1 tablespoon	3 teaspoons	15 ml
2 tablespoons	1 ounce	30 ml
1 jigger	1 1/2 ounces	45 ml
1/4 cup	4 tablespoons	60 ml
1/3 cup	5 Tbsp. plus 1 tsp.	80 ml
1/2 cup	8 tablespoons	125 ml
1 cup	16 tablespoons	250 ml
1 pint	2 cups	30 grams
1 pound	16 ounces	454 grams
2.21 pounds	35.3 ounces	1 kilogram

*Rounded for easier measuring

Cleaning and Maintenance

Any piece of equipment works better and lasts longer when maintained properly and kept clean. Cooking equipment is no exception. Your cooktop must be kept clean and maintained properly.

Glass Ceramic Top

Cleaning of glass ceramic tops is different from cleaning a standard porcelain finish. To maintain and protect the surface of your new glass ceramic top, follow these basic steps:

Rub a few drops of ceramic cleaning cream to the cool soiled area using a damp paper towel. Wipe until all soil and cream are removed. Frequent cleaning leaves a protective coating which is essential in preventing scratches and abrasions.

For heavy burned soil:

1. Apply a few drops of glass ceramic cleaning cream to the cool soiled area.
2. Using a damp paper towel, rub cream into burned on area.
3. Carefully scrape remaining soil with a razor scraper. Hold the scraper at a 30° angle against the ceramic surface.
4. If any soil remains, repeat the steps above. For additional protection, after all soil has been removed, polish the entire surface with the cleaning cream.
5. Buff with a dry paper towel. As the cleaning cream cleans, it leaves a protective coating on the glass surface. This coating helps to prevent buildup of mineral deposits (water spots) and will make future cleaning easier. Dishwashing detergents remove this protective coating and therefore make the glass ceramic top more susceptible to staining.

Control Knobs

Make sure all the control knobs point to the OFF position before removing. Pull the knobs straight off. Wash in detergent and warm water. Dry completely and replace by pushing firmly onto stem.

Stainless Steel

All stainless steel parts should be wiped regularly with hot, soapy water at the end of each cooling period and with liquid stainless steel cleaner when soapy water will not do the job. DO NOT use steel wool, abrasive cloths, abrasive cleaners or powders.

Cleaning Problems on Glass Ceramic Top

Problem	Cause	To Prevent	To Remove
Brown streaks and specks	Cleaning with sponge or cloth containing soil-laden detergent water.	Use cleaning cream with clean damp paper towel.	Use light application of cream with clean damp towel.
Blackened burned-on spots	Spatters or spillovers onto a hot cooking area or accidental melting of a plastic film, such as a bread bag.	Wipe up all spillovers as soon as it is safe and do not put plastic items on cooking area.	Clean area with cream and damp towel, or non-abrasive pad. Carefully scrape with razor held at 30° angle.
Fine brown/gray lines or fine scratches or abrasions which have collected soil	Coarse particles (salt, sugar) can get caught on the bottom of cookware and become embedded into top. Scratches from rough cookware.	Wipe the bottom of cookware before cooking. Clean top daily with cream. Inspect surface of ceramic cookware for rough spots.	Fine scratches are not removable but can be minimized by daily use of cleaning cream.
Smearing or Streaking	Use of too much cleaning cream or use of a soiled towel.	Use small amount of cream. Rinse thoroughly before drying.	Dampen towel with vinegar and water and wipe surface. Dry with clean paper towel.
Metal markings or silver/gray marks	Sliding or scraping metal utensils across glass top.	Do not slide metal objects across glass top.	Remove metal marks with cleaning cream.
Hard water spots	Condensation from cooking may cause minerals found in water and acids in foods to drip onto glass and cause grey deposits.	Make sure the bottom of the cookware is dry before cooking. Use cleaning cream daily to remove mineral deposits.	Mix cleaning cream with water to form paste. Scrub vigorously. Also try using vinegar and water mixture.
Pitting or flaking	Boilover of sugar syrup on a hot glass top. This can cause pitting if not removed immediately.	Watch sugar and syrup carefully to avoid boilovers.	Turn element to Lo; using several paper towels, wipe spill up immediately. Use scraper if needed.

Service Information

If your cooktop should fail to operate:

- Is the circuit breaker open or is fuse blown?

If service is required:

1. Call your dealer or authorized service agency. The name of the authorized service agency can be obtained from the dealer or distributor in your area.
2. Have the following information readily available:
 - a. Model number
 - b. Serial number
 - c. Date of purchase
 - d. Name of dealer from whom purchased
3. Clearly describe the problem that your are having.

If you are unable to obtain the name of an authorized service agency, or if you continue to have service problems, contact Viking Range Corporation at (888) 845-4641, or write to:

**VIKING RANGE CORPORATION
PREFERRED SERVICE
1803 Hwy 82W
Greenwood, Mississippi 38930 USA**

Record the following information. You will need it if service is ever required. The serial number and model of your cooktop is located on the identification plated mounted on the bottom of the burner box.

Model Number _____ Serial Number _____

Date of Purchase _____ Date Installed _____

Dealer's Name _____

Address _____

If service requires installation of parts, use only authorized parts to ensure protection under the warranty.

This manual should remain with the cooktop for future reference.

DESIGNER SERIES BUILT-IN ELECTRIC COOKTOPS WARRANTY

ONE YEAR FULL WARRANTY

Built-in electric cooktops and all of their component parts, **except as detailed below***†, are warranted to be free from defective materials or workmanship in normal residential use for a period of one (1) year from the date of original retail purchase or closing date for new construction, whichever period is longer. Viking Range Corporation, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period.

***FULL NINETY (90) DAY COSMETIC WARRANTY:** Product is warranted to be free from cosmetic defects in materials or workmanship (such as scratches on stainless steel, paint/porcelain blemishes, etc.) for a period of ninety (90) days from the date of original retail purchase or closing date for new construction, whichever period is longer. Any defects must be reported to the selling dealer within ninety (90) days from date of original retail purchase. Viking Range Corporation uses high quality processes and materials available to produce all color finishes. However, slight color variation may be noticed because of the inherent differences in painted parts and porcelain parts as well as differences in kitchen lighting, product locations, and other factors. Therefore, this warranty does not apply to color variation attributable to such factors.

†FULL NINETY (90) DAY WARRANTY IN "RESIDENTIAL PLUS" APPLICATIONS: This full warranty applies to applications where use of the product extends beyond normal residential use, but the warranty period for products used in such applications is ninety (90) days. Examples of applications covered by this warranty are bed and breakfasts, fire stations, private clubs, churches, yachts, etc. Under this "Residential Plus" warranty, the product, its components and accessories are warranted to be free from defective material or workmanship for a period of ninety (90) days from the date of original retail purchase. This warranty excludes use of the product in all commercial locations such as restaurants, food service locations and institutional food service locations.

FIVE YEAR LIMITED WARRANTY ON BURNERS

Any halogen element which fails due to defective materials or workmanship in normal household use during the second through fifth year from the date of original purchase will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor.

TERMS AND CONDITIONS

This warranty extends to the original purchaser of the product warranted hereunder and to each transferee owner of the product during the term of the warranty and applies to products purchased and located in the United States and Canada. Products must be purchased in the country where service is requested. If the product or one of its component parts contains a defect or malfunction during the full warranty period after a reasonable number of attempts by the warrantor to remedy the defect or malfunction, the owner is entitled to either a refund or replacement of the product or its component part or parts. Replacement of a component part includes its free installation, except as specified under the limited warranty. Under the terms of this warranty, service must be performed by a factory authorized Viking Range Corporation service agent or representative. Service will be provided during normal business hours, and labor performed at overtime or premium rates shall not be covered by this warranty.

Owner shall be responsible for proper installation, providing reasonable and necessary maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. The return of the Owner Registration Card is not a condition of warranty coverage. You should, however, return the Owner Registration Card so that Viking Range Corporation can contact you should any question of safety arise which could affect you.

This warranty gives you specific legal rights, and you may also have other rights which may vary from jurisdiction to jurisdiction.

WHAT IS NOT COVERED BY THIS WARRANTY: This warranty shall not apply to damage resulting from abuse, failure to provide reasonable and necessary maintenance, accident, delivery, negligence, natural disaster, loss of electrical power to the product for any reason, alteration, outdoor use, improper installation, improper operation, or repair or service of the product by anyone other than an authorized Viking Range Corporation service agency or representative. This warranty does not apply to commercial usage.

LIMITATION OF REMEDIES AND DURATION OF IMPLIED WARRANTY

OWNER'S SOLE AND EXCLUSIVE REMEDY FOR A CLAIM OF ANY KIND WITH RESPECT TO THIS PRODUCT SHALL BE THE REMEDIES SET FORTH ABOVE. VIKING IS NOT RESPONSIBLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGE, INCLUDING BUT NOT LIMITED TO FOOD OR MEDICINE LOSS, DUE TO PRODUCT FAILURE, WHETHER ARISING OUT OF BREACH OF WARRANTY, BREACH OF CONTRACT OR OTHERWISE. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusions may not apply to you. **ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO THIS PRODUCT ARE LIMITED IN DURATION TO THE PERIOD OF COVERAGE OF THE APPLICABLE EXPRESS WRITTEN LIMITED WARRANTIES SET FORTH ABOVE.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

WARRANTY SERVICE

To obtain warranty service, contact an authorized Viking Range Corporation service agent, or Viking Range Corporation, 111 Front Street, Greenwood, Mississippi 38930, (888) 845-4641. Provide model and serial number and date of original purchase or closing date for a new construction. For the name of your nearest authorized Viking Range Corporation service agency, call Viking Range Corporation.

IMPORTANT: Retain proof of original purchase to establish warranty period.

Specifications subject to change without notice.

